UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 114871-037

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

							P.	o Patent Application .O. Box 1450 ria, VA 22313-1450		ດ. ເຂ
	Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:									
TH	E US	E OF	MET	HYI	ATED NUCI	LEIC	ACID SEC	GMENTS FOR ISO	LATING CENTROMERE D	Į.
and in	vente et al									
If a C	ONT	ΙΝΙΙΔ	TION	ΔΡΙ	PI ICATION	chec	ck appropri	ate hox and supply	the requisite information:	
		inuat			Divisional				of prior application No.:	09/888,220
Which	n is a	:							_	
		nuat	ion		Divisional		Continua	tion-in-part (CIP)	of prior application No.:	
Which		: nuati	ion		Divisional		Continua	tion-in-part (CIP)	of prior application No.: _	
Enclo	sed a	are:					Applio	cation Elements		
1.	×	Filin	a fee :	as c	alculated and	d tran	smitted as	described below		
			ing lee as calculated and the							
2.	X	Spe	ecification having				108	pages and i	ncluding the following:	
	a.	×	Desc							
	b.	×	Cross References to Related Applications (if applicable)							
	C.		Statement Regarding Federally-sponsored Research/Development (if applicable)							
	d.		Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix							
	e.	×	Background of the Invention							
	f.	×	Brief Summary of the Invention							
	g.	×	Brief	Des	cription of the	e Dra	awings (if fi	led)		
	h.	×	Detai	iled	Description					
	i.	×	Claim	n(s)	as Classified	Belo	w			
	j.	×	Abstr	ract	of the Disclos	sure				



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3.	X	Dra	wing(s) (when nece	ssary as prescribed b	by 35 USC 113)
	a.	X	Formal		Number of Sheets	40
	b.		Informa	al	Number of Sheets	
4.	×	Oat	h or Dec	laration		
	a.		Newly	executed (c	riginal or copy)	☐ Unexecuted
	b.	\boxtimes	Copy fr	om a prior	application (37 CFR 1	1.63(d)) (for continuation/divisional application only)
	C.	\boxtimes	With Po	ower of Atto	rney 🔲 Withou	ut Power of Attorney
	d.		Signed	statement	VENTOR(S) attached deleting inve 3(d)(2) and 1.33(b).	entor(s) named in the prior application,
5.	X	The Box	entire d 4b, is	isclosure of	as being part of the	b is checked) , from which a copy of the oath or declaration is supplied under e disclosure of the accompanying application and is hereby
6.		CD	ROM or	CD-R in du	plicate, large table or	Computer Program (Appendix)
7.		Арр	lication I	Data Sheet	(See 37 CFR 1.76)	
8.	X	Nuc	leotide a	and/or Amin	o Acid Sequence Sub	omission (if applicable, all must be included)
	a.	X	Compu	ter Readab	le Form (CRF)	
	b.	×	Specific	cation Sequ	ence Listing on:	
			i. 🔾	CD-ROM	or CD-R (2 copies); o	or
			ii. 🛛	Paper		
	C.	X	Statem	ent(s) Verif	ying Identical Paper a	and Computer Readable Copy
					Accompanying	g Application Parts
9.	X	Ass	ignment	Papers (co	ver sheet & documen	nt(s))
10.		37 (CFR 3.73	B(B) Statem	ent <i>(when there is an</i>	assignee)
11.		Eng	lish Tran	slation Dod	cument (if applicable)	
12.		Info	rmation I	Disclosure	Statement/PTO-1449	☐ Copies of IDS Citations
13.	X	Prel	iminary <i>i</i>	Amendmen	t	
14.	×	Retu	ırn Rece	eipt Postcar	d (MPEP 503) (Should	ld be specifically itemized)
15.		Cert	ified Co	py of Priorit	y Document(s) (if fore	eign priority is claimed)
16.	×	Cert	ificate o	f Mailing		
			First CI	ass 🛭	Express Mail (Specify	y Label No.): EV 351 202 416 US

Application Elements (Continued)

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 114871-037

Total Pages in this Submission

Acc mpanying Application Parts (C ntinued)

X	Additional Enclosures (please identify below):
	Copy of Revocation of Prior Powers from prior application.
_	Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
	Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
	Warning
	An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Docket No. 114871-037

Total Pages in this Submission

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		CLAIMS	AS FILED					
For	#Filed	#Allowed	#Extra		Rate	Fee		
Total Claims	49	- 20 =	29	x	\$18.00	\$522.00		
Indep. Claims	1	- 3 =	0	×	\$84.00	\$0.00		
Multiple Depender	nt Claims (check i	f applicable)				\$0.00		
					BASIC FEI	\$750.00		
OTHER FEE (spe	cify purpose)			_		\$0.00		
				<u> </u>	TOTAL FILING FEI	\$1,272.00		
 A check in the amount of \$1,272.00 to cover the filing fee is enclosed. The Director is hereby authorized to charge and credit Deposit Account No. 02-1818 as described below. □ Charge the amount of as filing fee. ☒ Credit any overpayment. ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17. □ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b). 								
					Signature			

CC:

Dated: July 16, 2003

Robert M. Barrett (30,142)

Bell, Boyd & Ll yd LLC

Chicago, IL 60690-1135

P.O. Box 1135

ATTORNEYS FOR APPLICANTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Luo et al. Unknown

Appl. No.: Filed:

¥

Title:

Herewith

THE USE OF METHYLATED NUCLEIC ACID SEGMENTS FOR ISOLATING

CENTROMERE DNA

Art Unit:

Unknown Unknown

Examiner: Docket No.:

114871-037

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

- 1. Transmittal Letter (4 pages) (duplicate);
- 2. Copy of Specification From Prior Application (108 pages);
- 3. Copy of Forty (40) Pages of Formal Drawings From Prior Application;
- 4. Copy of Executed Declaration and Power of Attorney From Prior Application (3 pages);
- 5. Copy of Assignment Document From Prior Application (4 pages);
- 6. Copy of Revocation of Prior Powers From Prior Application (1 page);
- 7. Sequence Listing Statement (1 page); Copy of Sequence Listing From Prior Application (8 pages); Computer Diskette Containing Computer-Readable Sequence Listing (1 diskette)
- 8. Preliminary Amendment (8 pages);
- 9. Check in the Amount of \$1,272.00 (Application Filing Fee);
- 10. Check in the Amount of \$40.00 (Assignment Filing Fee); and
- 11. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to:

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on July 16, 2003.

Respectfully submitted.

BEŁĹ. BO

Robert Alling Correspondence

Signature

EV 351 202 416 US

Express Mail Mailing Label Number